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PTO/SB/08A (10-01)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

Application Number

10/007,121

Filing Date

October 26, 2001

First Named Inventor

Peterka, Petr

Art Unit

2136

Examiner Name

COLIN

Attorney Docket Number

018926-008518US

Complete if Known

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U.S. PATENT DOCUMENTS

SEP 20 2002

Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Figures Appear
		Number	Kind Code ² (if known)			
cc	AA	US-5,003,384		03-26-1991	Darden et al.	Technology Center 2100
	AB	US-				
	AC	US-				
	AD	US-				
	AE	US-				
	AF	US-				
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	AO	US-				
	AP	US-				
	AQ	US-				
	AR	US-				
	AS	US-				
	AT	US-				

FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
cc	AU	WO	98/43426	A1	10-01-1998	Canal Societe Anonyme		
cc	AV	WO	00/25517	A1	05-04-2000	Koninklijke Philips Electronics N.V.		
cc	AW	WO	99/07150	A1	02-11-1999	Scientific Atlanta, Inc.		
cc	AW	EP	0676897	A2	10-11-1995	Mitsubishi Corporation		
cc	AX	EP	0708561	A2	04-24-1996	General Instrument Corporation		

Examiner
Signature

Paul Lobi

Date
Considered

6-14-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

2

of

Complete if Known

Application Number

10/007,121

Filing Date

October 26, 2001

First Named Inventor

Peterka, Petr

Art Unit

21316

Examiner Name

COLIN

Attorney Docket Number

018926-006510US

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FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
cc	AY	EP	0719045	A2	06-26-1996	Mitsubishi Corporation		
	AZ							
	BA							
	BB							

Examiner
Signature

Carl Blum

Date
Considered

6-14-05

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

3

of

Complete if Known

Application Number	10/007,121
Filing Date	October 26, 2001
First Named Inventor	Peterka, Petr
Art Unit	21316
Examiner Name	COLIN
Attorney Docket Number	018926-006510US

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
a	BC	GUILLOU L.C. et al., Encipherment and Conditional Access, SMPTE Journal, SMPTE Inc., Scarsdale, N.Y., Vol. 103, no. 6, June 1, 1994	
a	BD	TSUBAKIYAMA H. et al., Security for Information Data Broadcasting System with Conditional Access Control, Global Telecommunications Conference, 1993, including a Communications Theory Mini-Conference, Technical Program Conference Record, IEEE in Houston, Globecom '93, IEEE Houston, TX, pages 164-170, November 29, 1993	
	BE		
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Examiner
Signature

Colin Peterka

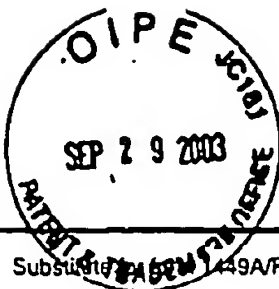
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PTO/SB/08A (08-03)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete If Known			
		Application Number	10/007,121		
		Filing Date	October 26, 2001		
		First Named Inventor	Peterka, Petr		
		Art Unit	21316		
		Examiner Name	COLIN		
Sheet	1	of		Attorney Docket Number	018926-006510US

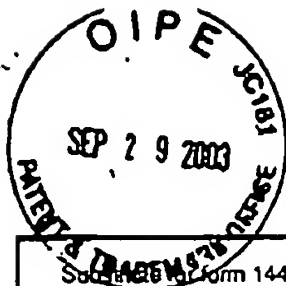
U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ee	AA	US-6,041,316	03-21-2000	Allen, Jonathon	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Examiner Signature	<i>Carol Blair</i>	Date Considered	6-14-05
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PTO/SB/08B (08-03)

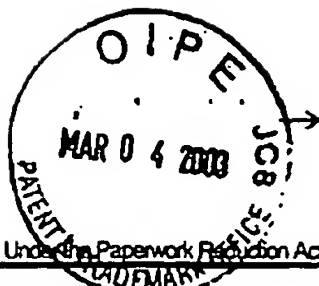
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/007,121	
			Filing Date	October 26, 2001	
			First Named Inventor	Peterka, Petr	
			Art Unit	2136	
			Examiner Name	COLIN	
Sheet	2	of		Attorney Docket Number	018926-006510US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BC		
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Examiner Signature	<i>Paul Blum</i>	Date Considered	6-14-03
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

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Complete if Known

Application Number	10/007,121
Filing Date	October 26, 2001
First Named Inventor	Peterka, Petr, et. al.
Art Unit	2136
Examiner Name	COLIN
Attorney Docket Number	018926-006510US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
cc	AA	US-5,748,738		05-05-1998	Suvo Mitra	
cc	AB	US-5,790,198		08-04-1998	Roop et al.	
cc	AC	US-5,659,615		08-19-1997	Douglas Dillon	
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FOREIGN PATENT DOCUMENTS

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
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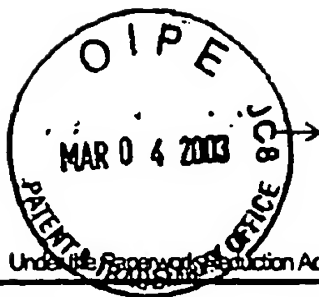
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**INFORMATION DISCLOSURE
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Sheet 4 of

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Application Number	10/007,121
Filing Date	October 26, 2001
First Named Inventor	Peterka, Petr, et. al.
Art Unit	2136
Examiner Name	COLIN
Attorney Docket Number	018926-006510US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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ce	BC	I. CHANG, et al.; Key Management for Secure Internet Multicast using Boolean Function Minimization Techniques; Infocom '99, 18th Annual Joint Conference of the IEEE Computer and Communications Societies, Proceedings, IEEE New York, NY USA, March 21, 1999.	
ce	BD	P.T. DINSMORE et al.; Policy-Based Security Management for Large Dynamic Groups: An Overview of the Doom Project; proceedings of the Darpa speech and Natural Language Workshop, Vol. 1, 1999 IEEE	
ce	BE	J.P. GRAY, et al.; ATM Cell Encryption and Key Update Synchronization; Telecommunication Systems, Basel, CH; Vol. 7, No. 4, 1997; ISSN: 1018-4864	
ce	BF	S. MITTRA; IOLUS: A Framework for Scalable Secure Multicasting; Computer Communications Review, Association for Computing Machinery, New York, US; Vol. 27, No. 4; September 14, 1997; ISSN: 0146-4833	
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